LEWIS AND ROCA LLP LAWYERS

Alana C. Hake
Associate
40 North Central Avenue
19th Floor
Phoenix, Arizona 85004-4429

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Our File Number: 43431-00001

VIA HAND DELIVERY

January 31, 2011

Arizona Corporation Commission
Utilities Division - Docket Control
1200 W. Washington Street
Phoenix, Arizona 85007

Re: Southern California Edison
Docket No. E-00000D-11-0017

Dear Docket Control:

Enclosed for filing in the above-referenced docket are the original and thirteen (13) copies of the 2011-2020 Ten Year Plan for Southern California Edison.

Arizona Corporation Commission
DOCKETED
JAN 31 2011
DOCKETED BY

Sincerely,

LEWIS AND ROCA LLP

Alana C. Hake

Alana C. Hake
Attorneys for Southern California Edison

ACH/ach
Enclosures

SOUTHERN CALIFORNIA EDISON COMPANY

2011-2020

TEN-YEAR PLAN

Prepared for the

Arizona Corporation Commission

January 2011

SOUTHERN CALIFORNIA EDISON COMPANY
2011-2020
TEN-YEAR PLAN

General Information

Pursuant to A.R.S. § 40-360.02, Southern California Edison ("SCE") submits its 2011-2020 Ten-Year Plan ("Plan") to the Arizona Corporation Commission ("Commission"). The attached Plan (contained in Attachment A) describes planned transmission facilities of 115 kV or higher voltage that SCE may construct in Arizona over the next ten-year period. Pursuant to A.R.S. § 40-360(1), underground facilities are not included.

This Plan provides tentative information that, pursuant to A.R.S. § 40-360.02(F), is subject to change. SCE has identified the following project that may be constructed by SCE during the ten-year period of this plan: the Arizona portion of Devers-Palo Verde No. 2 500 kV ("DPV2") Project. At the time of this ten-year plan submittal, SCE continues to evaluate whether it will proceed with the development of this project.

As envisioned, the Arizona portion of DPV2 would be a second 500 kV transmission line between the Colorado River 500 kV Substation (formerly Midpoint) in California and the Harquahala Switchyard or at the new Delany Switchyard (formerly Harquahala Junction) both of which located west of Phoenix, Arizona. The path rating increases between Arizona and California associated with DPV2's plan of service were originally approved in 2005 and 2006 by the Western Arizona Transmission System Task Force ("WATSTF") and the Western Electricity Coordinating Council ("WECC"), respectively. SCE will need to perform updated path rating studies for subsequent review and approval by the WATSTF and WECC if and when the Arizona portion of DPV2 is pursued.

In November, 2009, SCE received an order from the California Public Utilities Commission ("CPUC") allowing SCE to proceed in constructing the California portion of DPV2 upon approval of that portion of the project by the California Independent System Operator ("CAISO"). In an August 2010 CAISO letter to the CPUC, the CAISO stated that an updated analysis demonstrated a need for the California portion of DPV2, which was followed by a CPUC letter to SCE indicating that SCE may commence construction of said project. The November 2009 CPUC order stated that "However, because construction of the Arizona portion of the Project would potentially reduce the California-only Project's ability to transmit energy from the Riverside East CREZ, we require SCE to seek [CPUC] approval prior to resuming pursuit of the Arizona portion of the project in the future." (CPUC Decision (D.)09-11-007, page 19.)[1]

Written descriptions of the above-described transmission project are provided in Attachment A. The two maps provide a general illustration of line routing. They are preliminary maps and subject to revision. Specific routing for the Arizona portion of DPV2 would be determined by the Arizona Power Plant and Transmission Line Siting Committee and the Commission when issuing a Certificate of Environmental Compatibility, and through subsequent right-of-way acquisition.

Pursuant to A.R.S. § 40-360.02(c)(7), the latest technical study results and power flow stability analyses showing the effect in the current Arizona electric transmission system for the DPV2 Project was provided in Docket No. E-00000D-07-0376 Fifth Biennial Transmission Assessment 2008-2017.

[1] Pursuant to CPUC D.09-11-007 (in SCE's Application (A.)05-04-015), SCE submits semi-annual notices regarding the status of interconnection requests and agreements related to the California-portion of DPV2 and any expansion of that project to Arizona. In its January, 2011 Notice, SCE provided information that it has received interconnection requests in the Blythe region totaling 6,621 MW. Included in that total is a 1,000 MW interconnection request for a renewable solar project to be located in western Arizona. In addition, initial interconnection studies for projects totaling over 2,000 MW in the Imperial Valley and the Mojave Desert have identified a potential need for the Arizona-portion of DPV2 to ensure necessary system reliability and capacity on the regional grid. Additional interconnection studies for these projects and initial studies for the 1000 MW Arizona renewable generation project are currently in progress. These studies will provide additional information concerning the need for the Arizona-portion of DPV2.

ATTACHMENT A

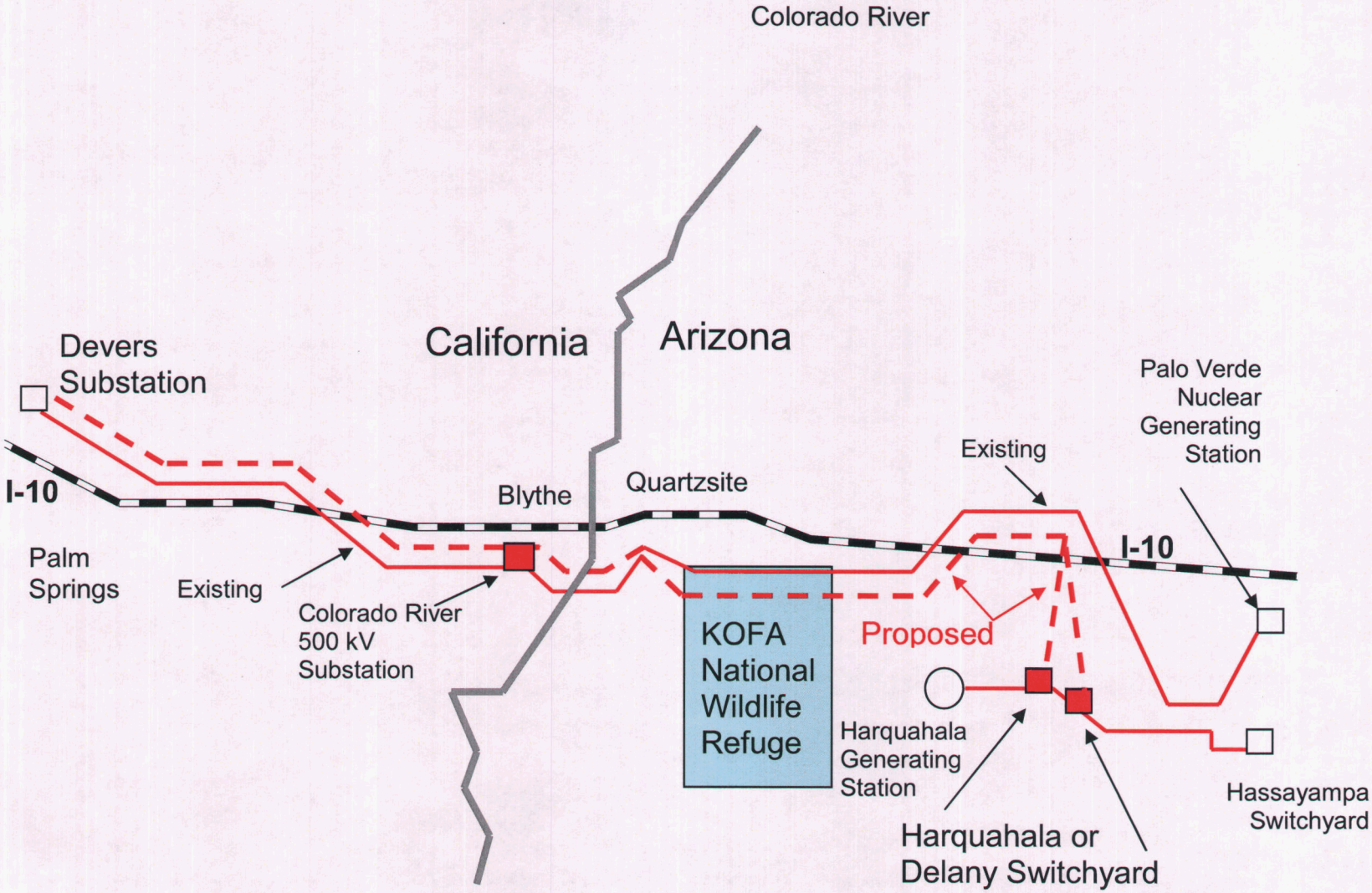
SOUTHERN CALIFORNIA EDISON COMPANY
2011-2020
TEN-YEAR PLAN

Planned Transmission Project Descriptions

SOUTHERN CALIFORNIA EDISON COMPANY
2011-2020
TEN-YEAR PLAN

Line Description	Arizona portion of Devers-Palo Verde No. 2
Size	
a) Voltage	500 kV AC
b) Capacity	1200 MW
c) Point of Origin	Harquahala Switchyard (or alternatively Delany Switchyard)
d) Intermediate Point	none
e) Point of Termination	Colorado River 500 kV Substation
f) Length	104 miles
Routing	The proposed line route between Colorado River and Harquahala or Delany parallels SCE's existing Palo Verde-Devers 500 kV line.
Purpose	This 500 kV line will increase transfer capability between Arizona and Southern California and allow for integration of renewables in Arizona and California.
Date	
a) Estimated Construction Start	TBD
b) Estimated In-Service	Approximately two years after construction start

Diagram 1
Devers – Palo Verde No. 2



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